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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/711,478	11/13/2000	Brian A. Vulpitta	MA-12957	7902

7590 04/08/2003

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EXAMINER

RHEE, JANE J

ART UNIT	PAPER NUMBER
1772	

DATE MAILED: 04/08/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/711,478	VULPITTA ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	Jane J Rhee	1772

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) Responsive to communication(s) filed on 27 January 2003.

2a) This action is **FINAL**.                    2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) Claim(s) 1-14 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) \_\_\_\_\_ is/are allowed.

6) Claim(s) 1-14 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some \* c) None of:

- Certified copies of the priority documents have been received.
- Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
- Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a)  The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.

4) Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_.

5) Notice of Informal Patent Application (PTO-152)

6) Other: \_\_\_\_\_

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1-5,11-15 rejected under 35 U.S.C. 102(b) as being anticipated by Schonhorns et al. (043548A1).

Schonhorns et al. discloses an adhesive tape product comprising a hollow cylindrical core (figure 5 number 10) having a diameter and a width, and an outer surface a compressible foam strip surrounding the core (figure 5 number 60), and a length of adhesive tape having a uniform width and a length substantially greater than the width wound in several forms about the core and the foam strip (col. 5 lines 9-12). Schonhorns et al. discloses that the foam strip surrounding the core in a single layer has a total thickness of 1mm (col. 5 line 14). Schonhorns et al. discloses that the core comprises a thin solid tubular wall (figure 5 number 10).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 6-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schonhorns in view of Martin-Cocher et al.

Schonhorns et al. disclose the tape product described above. Schonhorns et al. discloses a tape core having an axial width (figure 5 number 10), the core being hollow with a solid outer wall (figure 5 number 10), the outer wall having an outer surface and a length of adhesive tape having a uniform width and a length substantially greater than the width wound in several turns about the core (figure 6 number 20). Schonhorns et al. discloses a compressible foam strip surrounding the core and surrounded by length of adhesive tape and that the foam strip is 1mm thick (figure 5 number 60 and col. 5 line 14). Schonhorns et al. discloses that the foam strip has a width approximately equal to the adhesive tape width and surrounds the core in a single layer (figure 5 number 60). Schonhorns et al. fail to disclose that the core has a barrel shape. Martin-Cocher et al. teaches that the core has an outer surface bulging outwardly near the core's axial center giving the core a barrel shape (figure 1 number 23) for the purpose of accommodating the elongation of the film and increase film thickness in its margins (col. 4 lines 56-58).

Therefore, it would have been obvious to one of ordinary skill in the art at the time applicant's invention was made to provide Schonhorns et al. with the core that has an outer surface bulging outwardly near the core's axial center giving the core a barrel shape in order to accommodate the elongation of the film and increase film thickness in its margins (col. 4 lines 56-58) as taught by Martin-Cocher et al.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jane J Rhee whose telephone number is 703-605-4959. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harold Pyon can be reached on 703-308-4251. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9310 for regular communications and 703-872-9311 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0661.



Jane Rhee  
April 3, 2003



HAROLD PYON  
SUPERVISORY PATENT EXAMINER



4/4/03